

LIS5.0 compile error "exceeds the ..."

[bli](#) 7 posts since

Sep 20, 2007 Hi LIS team,

I just got the last LIS5.0 this morning and am trying to compile it on s2a-p using absoft. And I got the following error messages:

```
MODULE clsm_para_mapping
```

```
^
```

```
cf90-855 f90fe: ERROR CLSM_PARA_MAPPING, File = ../lsms/catchment/clsm_para_mapping.F90, Line = 31, Column = 8
```

The compiler has detected errors in module "CLSM_PARA_MAPPING". No module information file will be created for this module.

```
subroutine read_catchment_parameters_finalize()
```

```
^
```

```
cf90-67 f90fe: ERROR CLSM_PARA_MAPPING, File = ../lsms/catchment/clsm_para_mapping.F90, Line = 163, Column = 14
```

Identifier length exceeds the maximum of 31 characters.

```
end subroutine read_catchment_parameters_finalize
```

```
^
```

```
cf90-67 f90fe: ERROR READ_CATCHMENT_PARAMETERS_FINAL, File =  
../lsms/catchment/clsm_para_mapping.F90, Line = 176, Column = 18
```

Identifier length exceeds the maximum of 31 characters.

f90: Copyright Absoft Corporation 1994-2002; Absoft Pro FORTRAN Version 8.0

f90fe: 552 source lines

f90fe: 3 Errors, 0 Warnings, 0 Other messages, 0 ANSI

gmake: *** http://clsm_para_mapping.o Error 1

Thanks,

Bailing Tags: compile, lis, error

[sujay](#) 118 posts since

Sep 20, 2007 **1. Re: LIS5.0 compile error "exceeds the maximum of 31 characters"** Jul 14, 2008 9:51 AM

Bailing,

Try changing the following set of definitions :

```
real, allocatable, dimension(:, :, :) :: ar_array to
```

```
real, allocatable :: ar_array(:, :, :)
```

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and so on.

s2a-p is using absoft 8 I believe. We have run into several compiler errors with this version and I highly recommend upgrading to absoft 10.

-S

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Sep 20, 2007 **2. Re: LIS5.0 compile error "exceeds the maximum of 31 characters"** Jul 14, 2008 10:31 AM

in response to: [sujoy](#)

Sujoy,

Thanks. But this did not fix the problem. I had to shorten the length of "read_catchment_parameters_finalize" to less than 31 characters to have it fixed. Is this something specific to Absoft?

Bailing

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Sep 20, 2007 **3. Re: LIS5.0 compile error "exceeds the maximum of 31 characters"** Jul 14, 2008 11:19 AM

in response to: [bli](#) Bailing,

That's interesting. I am pretty sure this is an absoft limitation. Please ask Regina to upgrade the compiler version.

-S